

CPC**COOPERATIVE PATENT CLASSIFICATION****D21B****FIBROUS RAW MATERIALS OR THEIR MECHANICAL TREATMENT****D21B 1/00****Fibrous raw materials or their mechanical treatment**

- D21B 1/02 . Pretreatment of the raw materials by chemical or physical means ([removal of bark B27L](#))
- D21B 1/021 .. {by chemical means}
- D21B 1/023 .. {Cleaning wood chips or other raw materials}
- D21B 1/025 .. {Separating pith from fibrous vegetable materials}
- D21B 1/026 .. {Separating fibrous materials from waste}
- D21B 1/028 ... {by dry methods}
- D21B 1/04 . by dividing raw materials into small particles, e.g. fibres ([breaking-up or cutting wood or the like by dry methods B27L](#); [disintegrating peat C10F 7/02](#); [obtaining fibres mechanically for spinning from rags, peat, or the like D01B](#))
- D21B 1/06 .. by dry methods
- D21B 1/061 ... {using cutting devices}
- D21B 1/063 ... {using grinding devices}
- D21B 1/065 {of the magazine type}
- D21B 1/066 ... {the raw material being pulp sheets}
- D21B 1/068 {by cutting actions}
- D21B 1/08 ... the raw material being waste paper ([chemical part D21C 5/02](#)); the raw material being rags
- D21B 1/10 by cutting actions
- D21B 1/12 .. by wet methods, by the use of steam ([beaters D21D 1/00](#))
- D21B 1/14 ... Disintegrating in mills ([in general B02C](#))
- D21B 1/16 in the presence of chemical agents
- D21B 1/18 in magazine-type machines
- D21B 1/20 with chain feed
- D21B 1/22 with screw feed
- D21B 1/24 of the pocket type
- D21B 1/26 Driving or feeding arrangements
- D21B 1/28 Dressers for mill stones, combined with the mill
- D21B 1/30 ... Defibrating by other means
- D21B 1/303 {using vibrating devices}
- D21B 1/306 {using microwaves}
- D21B 1/32 of waste paper
- D21B 1/322 {coated with synthetic materials}
- D21B 1/325 {de-inking devices}

- D21B 1/327 { using flotation devices}
- D21B 1/34 Kneading or mixing; Pulpers
- D21B 1/342 {Mixing apparatus}
- D21B 1/345 {Pulpers}
- D21B 1/347 {Rotor assemblies}
- D21B 1/36 Explosive disintegration by sudden pressure reduction

- D21B 1/38 . Conserving the finely-divided cellulosic material